



MUHAMMAD USAMA NADEEM

Registered with Pakistan
Engineering Council (PEC)

PEC No: ELECT/79165

PROFESSIONAL SKILLS

Technical researcher
Observe & quick respond
Project management
Team management
Market research
Communication skills
Technical experts
Collaborative nature
Troubleshooting
Communication Skills

PERSONAL SKILLS

Creative mind
Reliable and professional
Organized
Time management
Team player
Fast learner
Honesty and integrity
Motivated
Innovation
Work Ethics
Conflict Resolutions
Problem Solving
Analytical Skills

SOFT EXPERTISE

Computer Literate
Matlab
Multisim
Proteus
Programming C++
Autocad
PLC
MS Word
OrignPro
Visio
Endnote
Mendeley

ABOUT TO ME

Extremely motivated to constantly develop my skills and grow professionally. I am confident in my ability to come up with interesting ideas. My ability to Work in a challenging environment demanding all my skills and effort to contribute to the development of the organization and myself with impressive performance.

WORK EXPERIENCE

1. At this time, I am working with ISP Multan as a Manager Operations (Electrical).
2. As an Electrical Engineer work with Allied Group in Premium Petroleum Private Limited. | Oct 2018 - Nov 2021
3. Approximately one and a half years, work in different organizations as a Former Internee,
 - Northern Power Generation Company Limited GENCO-III Thermal Power Station Muzaffargarh.
 - D.G. Khan Cement Company Limited.
 - O/O R.E 500KV G/Station, NTDC Multan.
 - Central Power Generation Company Limited GENCO-II Thermal Power Station GUDDU.
 - O/O R.E 132/220KV G/Station, NTDC Multan.
 - KAPCO Power Plant Company Limited.

EDUCATIONAL HISTORY



MASTER IN ELECTRICAL ENGINEERING, SPECILIZATION IN POWER

Muhammad Nawaz Sharif, University of Engineering & Technology, Multan (MNS-UET) | 2019 – 2021 CGPA 3.238 PERCENTAGE 80.95%

Research Paper Publish in Sensors MDPI International Journal: -

Title: Sustainable Solutions for Advanced Energy Management System of Campus Microgrids: Models Opportunities and Future Challenges

Link: <https://www.mdpi.com/1424-8220/22/6/2345>



BACHELOR IN ELECTRICAL ENGINEERING, MAJOR IN POWER

Institute of Southern Punjab Multan (ISP) | 2014 - 2018

CGPA 3.42 PERCENTAGE 85.5%

Final Project (Monitoring & Protection of Parallel transformer with using Arduino)






ACHIEVEMENT

- See and observe Starting Sequence of the Combine Cycle in the Power Plant.
- Controlled and maintained auxiliary equipment, such as fans, (LP, HP) pumps, compressors, deaerator, feed water pump, induction motor, shaft vibration of the generator, and condensers.
- Performed preventative maintenance on plant equipment.
- Check and change the oil of the generator bearing.
- Check and repair tunnel fault and NGR resistance level.
- Both practical as well as theoretical knowledge of different Electrical Instruments.

HOBBIES

Playing Badminton Game
Playing Cricket Game
Playing Football Game
Playing Carrom Game
Books study related my field
Traveling and Running
Social Networking
Creative Designing
Video Gaming
Music

PERSONAL DETAILS

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Chowk Model Town B Block
Shalimar Colony Bosan Road
Multan, Pakistan.
 EL9453882

LANGUAGES

Urdu
English
Punjabi
Saraiki

- Enthusiastic professional Engineer with strong analytical skills.
- Work well within teams, alone and under pressure.
- Theoretical background of Power System Analysis, Transmission/ Distribution, and Generation system (especially Load Flow Studies, Transient Stability Studies, Short Circuit Studies, and power quality Studies).
- Electrical Power & Control Experience.
- Must get the knowledge of geography, Pakistan's Grid systems including NTDC, all the Power Generation Plants and Industries.

PRESENT RESPONSIBILITIES

- Manager Operations (Electrical) shall report to Rector Secretariat.
- Responsible to coordinate/enhance timely liaison with Director Admin, Director Coordination, Admin Officer & MEPCO officials to ensure uninterrupted electricity supply to the institute.
- To ensure an efficient supervision of ISP Electricity Feeder, 11KV 440V distribution system & 11KV electric supply Lines.
- To make sure supervision/maintenance of transformers, distribution system faults, panels, circuits, Energy back up (Generators system), air conditioning system and its timely rectification.
- To ensure preventives and breakdown maintenance.
- Ensures stable electrical supply by maintaining equipment and outlets, including energy management system for prototyping and assembly systems, lighting and security apparatus.
- Provides power and connectivity to workstations and offices by studying blueprints, running electrical wiring for common and dedicated electrical outlets and fixtures, and providing raceways for telephone and fiber communication.
- Supports engineering needs by responding to service requests for mechanical and electrical problems.
- Ensures compliance with all applicable codes and regulations and advises senior management on requirements.
- Maintains materials and equipment supplies by regularly monitoring inventory levels, anticipating supply needs, placing and expediting electrical material orders and reviewing and approving invoices.
- Preserves equipment in good working order by following operating instructions, troubleshooting malfunctions, keeping supplies on hand, regularly performing preventive maintenance and promptly scheduling repairs.
- Coordinate maintenance activities on all electrical wiring and systems.
- Implement energy-efficient schedules and technology's.
- Work with services providers to implement and service systems.
- Oversee scheduling and unscheduled maintenance, including emergency or incident response.
- Define and implement safety standards meeting regulations for electrical wiring.